

WHAT IS CLAIMED IS:

1. A waterproof admixture composition for concrete having excellent anti-corrosive performance, comprising fly ash and silica fume as artificial pozzolan activators, a
5 redispersible powders resin, a higher fatty acid-based metal salt and a high performance water-reducing agent,

wherein the composition further comprises 18 to 34% by weight of an inorganic salt and 1 to 5% by weight of tannin as
10 an antioxidant, based on the total weight of the composition.

2. The waterproof admixture composition for concrete having excellent anti-corrosive performance according to claim 1, wherein the inorganic salt is calcium nitrite or sodium
15 nitrite.

3. The waterproof admixture composition for concrete having excellent anti-corrosive performance according to claim 1 or 2, wherein the fly ash as an artificial pozzolan
20 activator is present in an amount of 40~60% by weight, the silica fume is present in an amount of 6~12% by weight, the redispersible powders resin is present in an amount of 0.5~5% by weight, the higher fatty acid-based metal salt is present in an amount of 5~11% by weight and the high performance
25 water-reducing agent is present in an amount of 1~6% by

weight, based on the total weight of the composition.

4. A method for fabricating concrete by adding the waterproof admixture composition for concrete according to claim 1 in an amount of 2.0~6.0 parts by weight to cement, based on 100 parts by weight of the cement.